

X Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	08/954,954
Filing Date	10/21/1997
First Named Inventor	Summers et al.
Group Art Unit	1643
Examiner Name	Kemmerer, Elizabeth
Attorney Docket Number	C-2991/1

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Elizabeth C. Kemmerer

Date
Considered

4/23/99

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 4

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
OK	CA	REEKE et al, "Three-Dimensional Structure of Favin: Saccharide Binding-Cyclic Permutation in Leguminous Lectins", Science, 11/28/86, Vol. 234 pp 1108-1111	✓
	CB	LUGER et al, "An 8-fold Ba Barrel Protein with Redundant Folding Possibilities", Protein Engineering, Vol 3 pp 249-258	✓
	CC	CUNNINGHAM et al, "Favion versus concanavalin A: Circularly permuted amino acid sequences", Proc. Natl. Acad. Sci. USA, July 1979, Vol. 76, No. 7, pp. 3218-3222	
	CD	PROTASOVA et al, "Circularly permuted dihydrofolate reductase of E.coli has functional activity and a destabilized tertiary structure", Protein Engineering, 1994, Vol.7, No. 11, pp.1373-1777	
	CE	ZHANG et al, "Circular Permutation of T4 Lysozyme", Biochemistry, Vol 32, No. 46, 1993	
	CF	LUGER et al, "Correct Folding of Circularly Permuted Variants of a Ba Barrel Enzyme in Vivo", Science, Vol 243	
	CG	HAHN et al, "Native-like in vivo folding of a circularly permuted jellyroll protein shown by crystal structure analysis", Proc. Natl. Acad. Sci. USA, 1994, Vol. 91, pp. 10417-10421	
	CH	LIN et al, "Rearranging the domains of pepsinogen", Protein Science, 1995, Vol 4, pp 159-166	
	CI	YANG et al, "Aspartate transcarbamoylase containing circularly permuted catalytic polypeptide chains", Proc. Natl. Acad. Sci. USA, 1993, Vol. 90, pp. 11980-11984	
✓	CJ	VIGNAI et al, "Circular permutation within the coenzyme binding domain of the tetrameric glyceraldehyde-3-phosphate dehydrogenase from Bacillus stearothermophilus", Protein Science, 1995, Vol 4., pp. 994-1000	
		See Attached	

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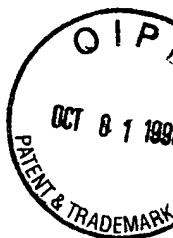
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CK	CK	GOLDENBERG et al, "Circular and Circularly Permuted Forms of Bovine Pancreatic Trypsin Inhibitor", J. Mol. Biol. 1983, Vol. 165, pp. 407-413	
	CL	HEMPERLY et al, "Circular permutation of amino acid sequences among legume lectins", TIBS, 1983, pp. 100-102	
	CM	KREITMAN et al, "Circularly permuted interleukin 4 retains proliferative and binding activity", Cytokine, 1995, Vol. 7, No. 4, pp. 311-318	
	CN	LI et al, "Degradation of Ornithine Decarboxylase", Mol. and Cel. Biol. 1993, Vol. 13, No. 4, pp. 2377-2383	
	CO	RITCO et al, "Is the Continuity of the Domains Required for the Correct Folding of a Two-Domain Protein?", Biochemistry, 1995, Vol. 34, pp. 16543-16551	
	CP	GARRETT et al, "Are turns required for the folding of ribonuclease T1?", Protein Science, 1996, Vol 5., pp. 204-211	
	CQ	KOMAR et al, "Kinetics of translation" FEBS Letters, 1995 Vol. 376, pp. 195-198	
	CR	MACGREGOR et al, "A circularly permuted a-amylase-type", FEBS Letters, 1996, Vol. 378, pp. 263-266	
	CS	KOEBNIK et al, "Membrane Assembly of Circularly Permuted Variants", JMB, 1995, Vol. 250, pp. 617-626	
	CT	BUCHWALDER et al, "A fully active variant of Dihydrofolate Reductase with a circularly permuted sequence", Biochemistry, 1992, Vol. 31, pp. 1621-1630	

See
Attach
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